

ABSTRACT OF THE DISCLOSURE

A conductorless charging and power system for electronic appliances and method for communicating power to a power receiver
5 employing wireless energy transmission are disclosed. The remote charging system includes a power transmission unit, which transmits energy as a directional power beam, and a power receiver system that receives the transmitted energy. The power receiver system is preferably incorporated in an appliance and includes an energy receptor
10 capable of receiving the wireless power beam and transferring the energy from the beam to an energy storage device included in the appliance. The power transmission unit receives and tracks a power request signal from the power receiver system to track the power receiver system location during energy transmission. Data streams may
15 be incorporated into the wireless signals of the remote charging system, allowing the remote charging system to function as a communications pathway as well as a power delivery system.

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